

FIGURE 1 (PRIOR ART)

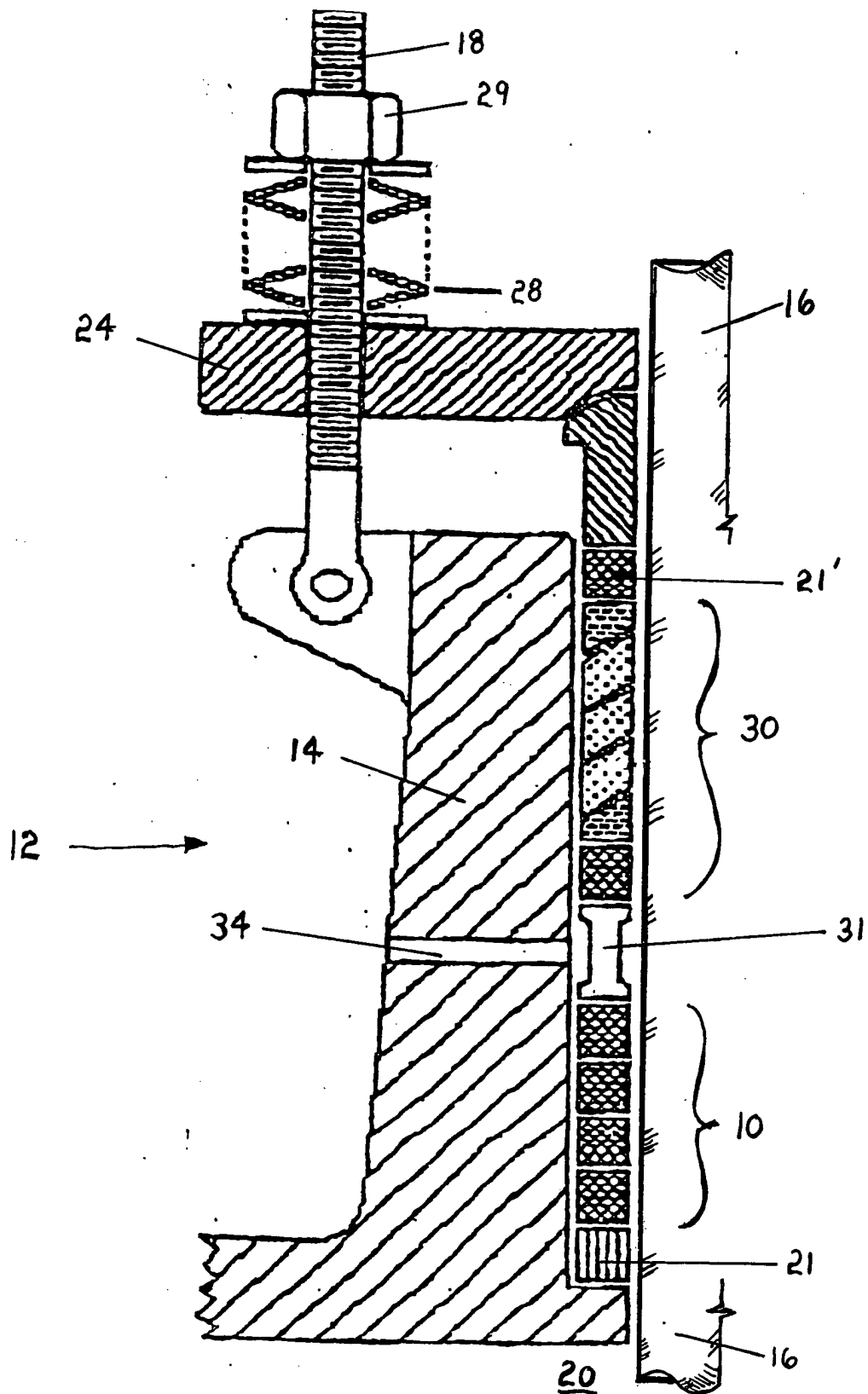


FIG. 2 (PRIOR ART)



FIG. 4A

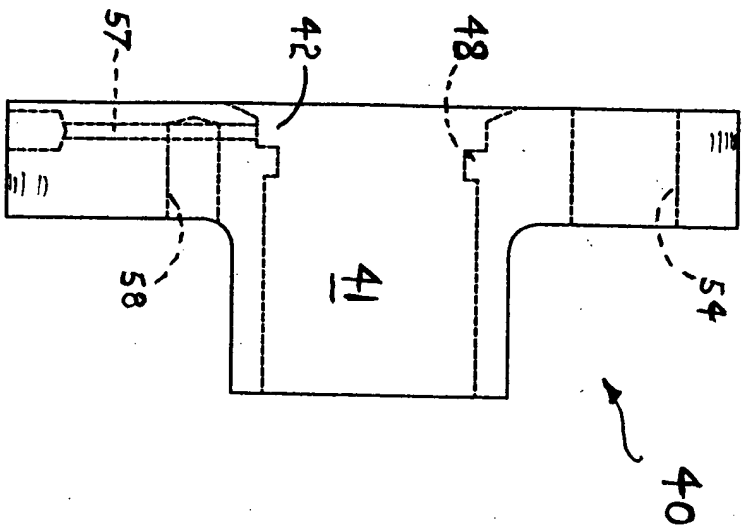
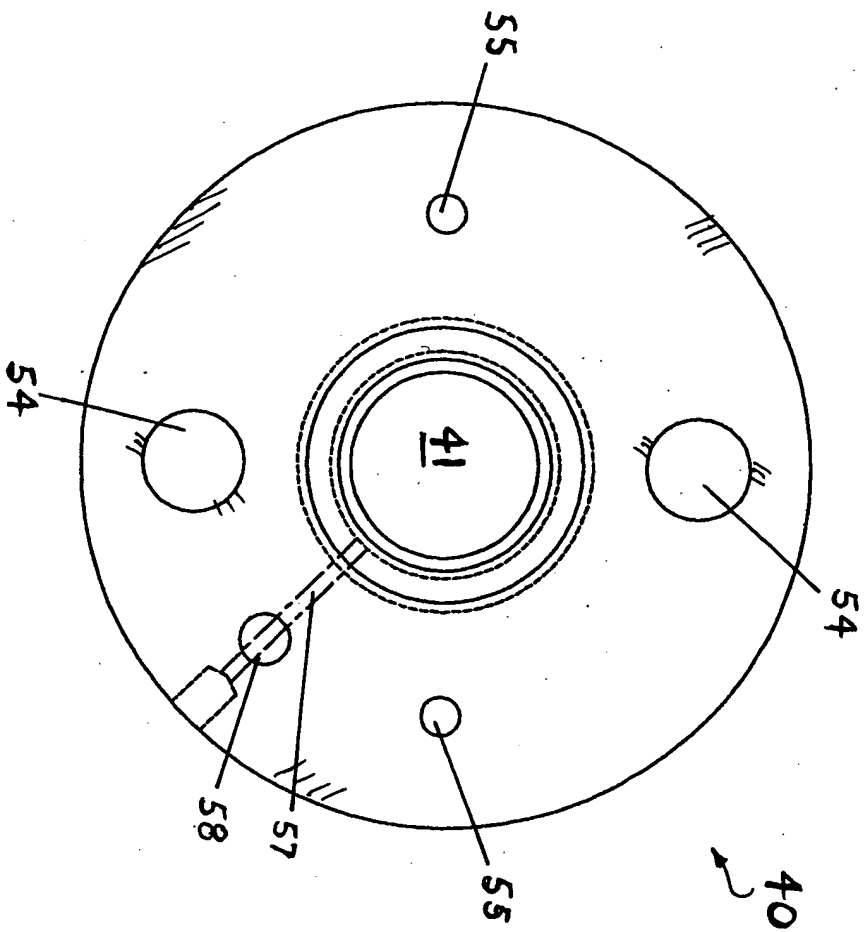


FIG. 4B



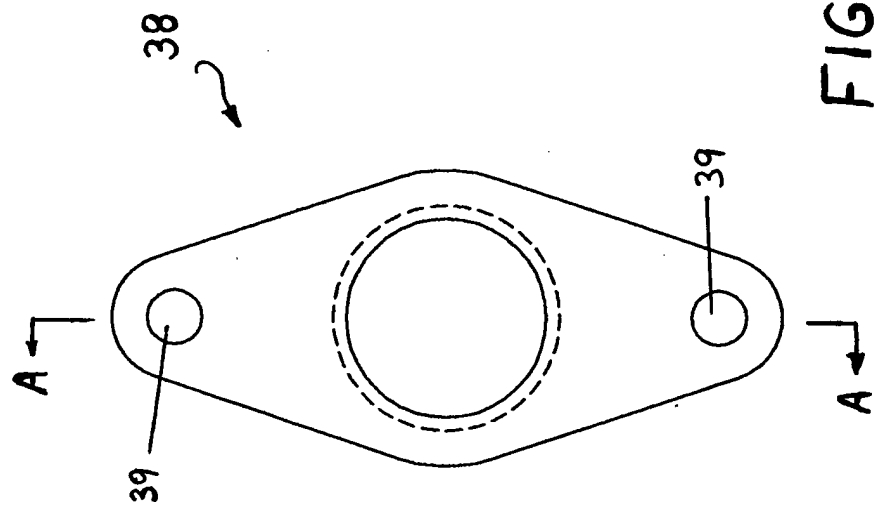


FIG. 5B

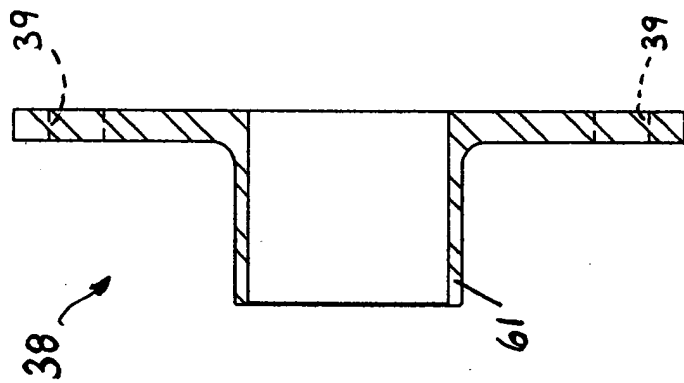


FIG. 5A

FIG. 6A

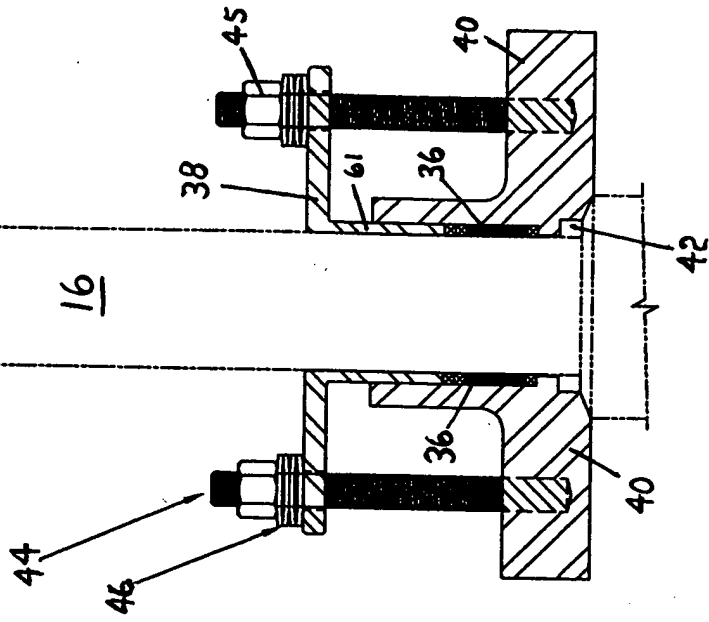
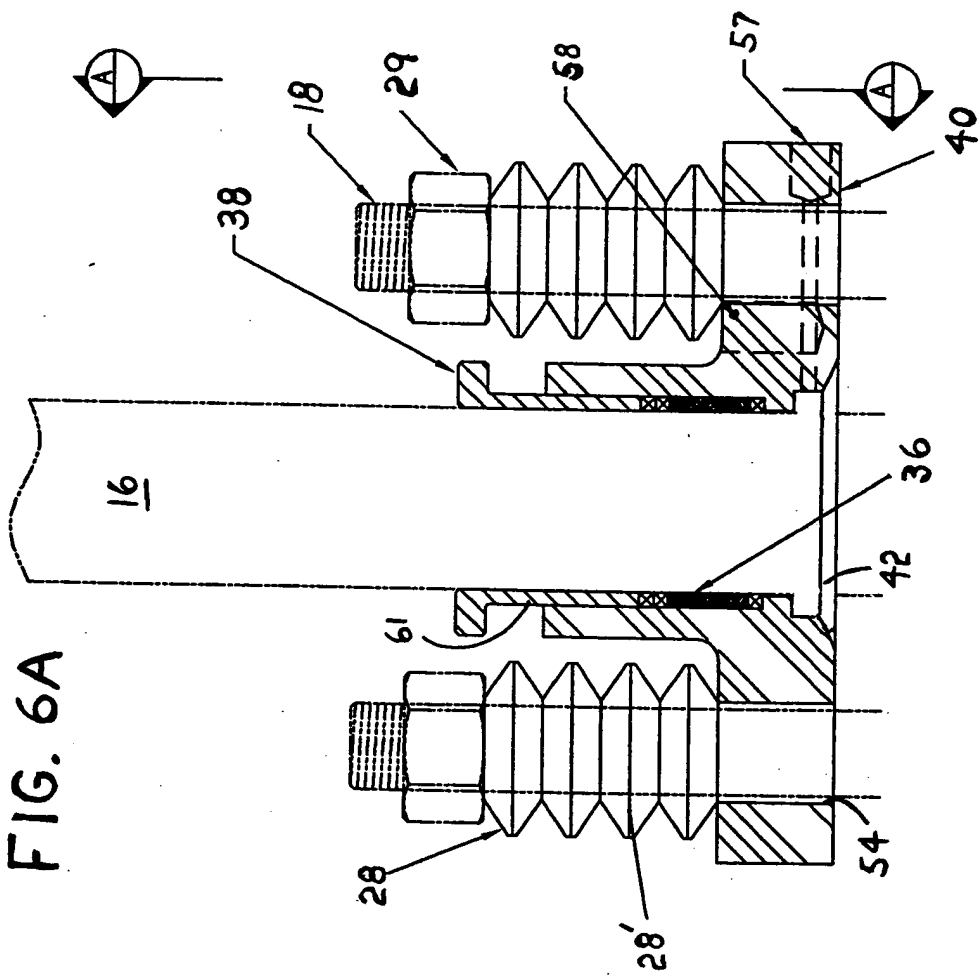


FIG. 6B

## Gate Valves VOC Emissions

Valve Test Tag #	Pre-Modification Test Date		Post Modification Test Date	
	22-Jan ppm	16-Apr ppm	19-Jun ppm	31-Mar ppm
4497	10000+	10000+	10	70
4499	10000+	10000+	200	40
4500	10000+	10000+	350	30
4505	10000+	10000+	10	20
4507	10000+	10000+	30	50
4508	10000+	10000+	400	20
4513	10000+	10000+	400	5
4515	10000+	10000+	140	100
4516	10000+	10000+	110	100
4521	10000+	10000+	50	10
4524	10000+	10000+	20	100
4525	10000+	10000+	40	1000
4532	10000+	10000+	100	30
4533	10000+	10000+	100	10
4534	10000+	10000+	280	20
4535	10000+	10000+	250	100
4544	10000+	10000+	60	100
4545	10000+	10000+	100	25
4546	10000+	10000+	110	70
4554	10000+	10000+	100	20
4555	10000+	10000+	40	35
4556	10000+	10000+	50	45
4564	10000+	10000+	80	5
4565	10000+	10000+	20	15
4566	10000+	10000+	10	30

FIG. 7